

Recalculations - Dioxines & Furanes (PCDD/F)

The negligibly small changes within the **National Total reported for 1990 (-0.02 g | -0.001 %)** result from several small changes throughout **NFR 1.A** and within **NFR 2.G**.

The most significant relative change occurs for **NFR 2.G with minus 58 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]		absolute	relative	see description and reasoning in:
NATIONAL TOTAL	814,95	813,90	-1,05	-0,13%	sub-category chapters
NFR 1 - Energy	523,57	522,52	-1,05	-0,20%	sub-category chapters
1.A.3.b i	14,84	14,59	-0,25	-1,66%	here
1.A.3.b ii	0,25	0,24	-0,01	-3,71%	here
1.A.3.b iv	0,50	0,51	0,01	2,44%	here
1.A.3.c	0,08	0,14	0,06	74,04%	here
1.A.3.d ii	4,56	3,77	-0,80	-17,43%	here
1.A.4.b ii	0,092	0,094	0,002	2,61%	here
1.A.4.c iii	0,07	0,03	-0,04	-53,84%	here
1.A.5.b	0,18	0,13	-0,04	-23,46%	here
NFR 2 - IPPU	242,10	242,10	0,00	0,00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	49,29	49,29	0,00	0,00%	
NFR 6 - Other	NA				

Changes within the **National Total reported for 2019 (-0.93 g | -0.77 %)** are dominated by changes in **NFRs 1.A.4.a i and 1.A.4.b i**.

However, the most significant relative change occurs for **NFR 2.G with minus 50 %**.

Table 2: Changes of emission estimates 2018

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning
	[g]		absolute	relative	see description and reasoning in:
NATIONAL TOTAL	120,73	119,80	-0,93	-0,77%	sub-category chapters
NFR 1 - Energy	51,83	50,91	-0,91	-1,77%	sub-category chapters
1.A.1.a	4,65	4,75	0,10	2,19%	here
1.A.1.b	0,008	0,015	0,007	87,69%	here
1.A.1.c	0,073	0,124	0,05	69,01%	here
1.A.2.a	0,0244	0,0246	0,0002	0,90%	here
1.A.2.g vii	0,078	0,083	0,006	7,07%	here
1.A.2.g viii	1,31	1,22	-0,09	-6,82%	here
1.A.3.b ii	0,99	0,98	-0,01	-1,41%	here
1.A.3.b iii	0,4616	0,4613	-0,0003	-0,07%	here
1.A.3.b iv	0,3436	0,3434	-0,0001	-0,03%	here
1.A.3.c	0,024	0,021	-0,003	-13,98%	here
1.A.3.d ii	2,18	2,24	0,06	2,79%	here
1.A.4.a i	18,41	16,23	-2,18	-11,83%	here
1.A.4.a ii	0,012	0,010	-0,002	-15,33%	here
1.A.4.b i	13,32	14,43	1,12	8,39%	here
1.A.4.b ii	0,075	0,072	-0,003	-3,38%	here
1.A.4.c i	1,44	1,43	-0,01	-0,37%	here
1.A.4.c ii	0,19	0,20	0,01	3,14%	here
1.A.4.c iii	0,23	0,24	0,01	2,65%	here
1.A.5.a	0,114	0,117	0,002	2,18%	here
1.A.5.b	0,04777	0,04779	0,00002	0,04%	here

	Submission 2020	Submission 2021	Difference		Reasoning
NFR Sector	[g]			relative	see description and reasoning in:
NATIONAL TOTAL	120,73	119,80	-0,93	-0,77%	sub-category chapters
NFR 1 - Energy	51,83	50,91	-0,91	-1,77%	sub-category chapters
NFR 2 - IPPU	20,94	20,93	-0,01	-0,06%	sub-category chapters
2.G	0,02	0,01	-0,01	-50,27%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	47,95	47,95	0,00	0,00%	
NFR 6 - Other	NA				